

**AN ADVANTAGEOUS CARRIER SOLUTION FOR VITRIFIABLE  
CONCENTRATIONS OF CRYOPROTECTANTS, AND COMPATIBLE  
CRYOPROTECTANT MIXTURES**

Abstract of the Disclosure

5           Disclosed herein is a carrier solution for cryoprotectants that is useful for use  
with cells, tissues, and whole organs and for a variety of cryoprotectant solutions and  
that permits antinucleators to be fully effective in vitrification solutions, thereby  
allowing vitrification solutions to attain extreme effectiveness, and compatible  
vitrification solution compositions for use with this carrier solution. The carrier  
10       solution comprises lactose and mannitol as well as other beneficial ingredients.